Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

JNANA BHARATHI
BANGALORE - 560 056

Date: 22-09-2015

BUB/CTE/2015-16/

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Development and asphalting work at Ganesha Layout Main Roads in Ward No.11, (Kuvempunagara)}

Ref. : Letter No. Testing/BUB/2015-16, dated 21-09-2015

Sample supplied to lab by: Sri.N.Keerthi, Contractor, Bangalore.

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division, BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	100.00	100
45.00	97.00	95-100
26.50	---	-
22.40	73.00	60-80
11.20	42.10	40-60
4.75	33.00	25-40
2.36	22.60	15-30
0.600	18.00	8-22
0.075	4.30	0-8

*As Furnished by Client

The Results relate only to the items tested

22/09/2015

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg.), Ph.D, MISTE, MIRC
Associate Professor
Department of Civil Engineering
Bangalore University, Jnanabharathi Campus
BANGALORE- 560 056.
e-mail: manjeshl@yahoo.com

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

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JNANA BHARATHI
BANGALORE - 560 056

Date: 29-09-2015

BUB/CTE/2015-16/

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Development and asphalting work at Ganesha Layout Main Roads in Ward No.11, (Kuvempunagara)}

Ref. : Letter No. Testing/BUB/2015-16, dated 28-09-2015
Sample supplied to lab by: Sri.N.Keerthi, Contractor, Bangalore.
Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division, BBMP, Bangalore

TEST RESULTS:

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.04 %**
2. **Gradation Test :**

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.30**	90—100
4.75	**47.00**	35—51
2.36	**35.00**	24—39
1.18	**24.30**	15—30
0.3	**16.00**	09—19
0.075	**5.00**	03—08

* As furnished by Client.
The Results relate only to the items tested.

29/09/2015

Dr. MANJESH .L
ME (Civil Engg .). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University, Jnanabharathi Campus
BANGALORE- 560 056.
e- mail: manjeshl@yahoo.com

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.